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ARMY MATERIEL SYSTEMS ANALYSIS ACTIVITY ABERDEEN PROV--ETC F/G 14/4
BIBLIOGRAPHY ON RELIABILITY. ADDENDUM I.(U)
NOV 77 H P BETZ , A S CHEM

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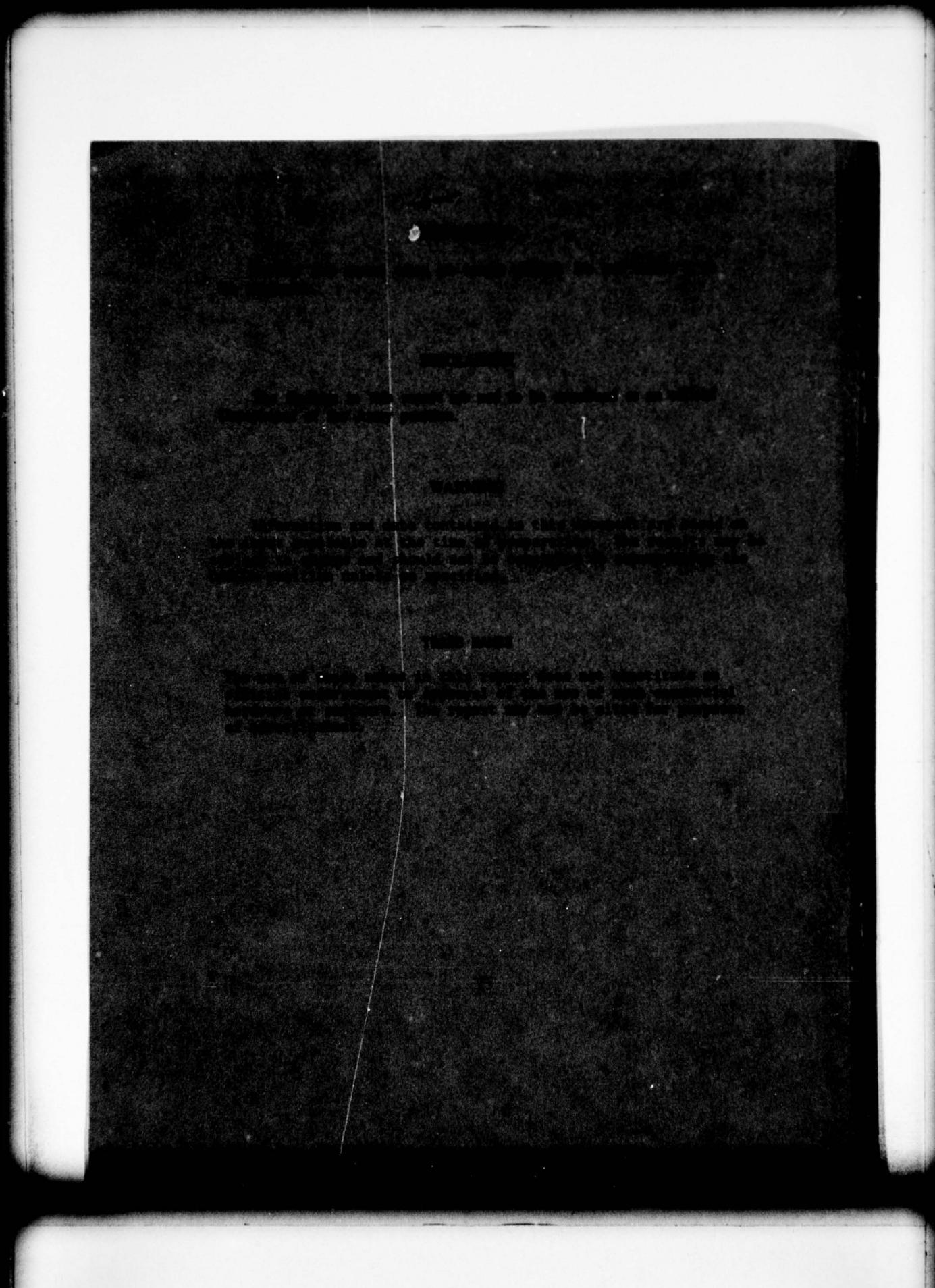
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19. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is the first Addendum to US Army Materiel Systems Analysis Activity Technical Report No. 82, A. Roberta Wooten, July 1973. It consists of an update of a bibliography of reliability theory and practice including references from government publications, technical books, journals, university reports, proceedings of national symposiums and other meetings. The bibliography includes 2675 references which were placed on magnetic tape for computer processing. The same computer programs used to construct the original bibliography were used to alphabetize by author's name and to prepare the subject index to			

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the bibliography which is included in the report. For completeness, the same references that appear at the end of the original bibliography are also included in this addendum.

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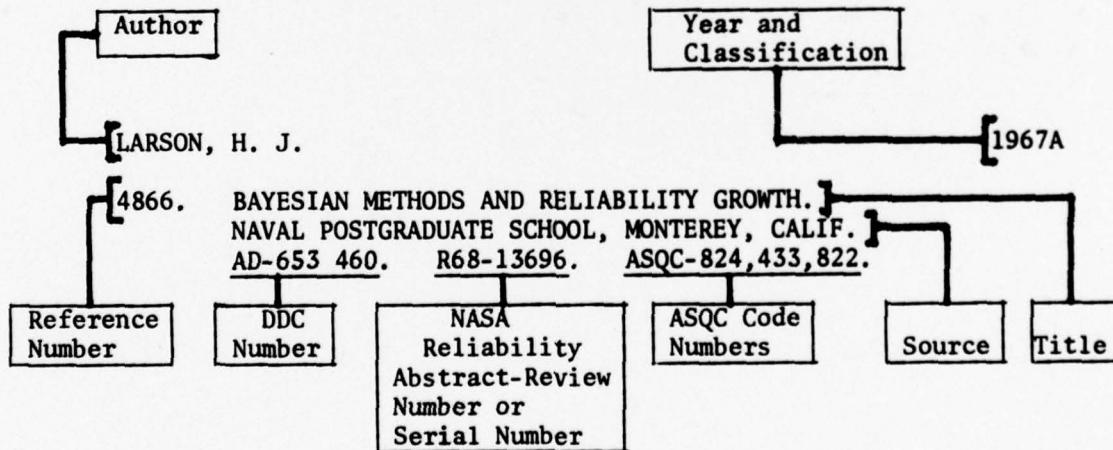
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INTRODUCTION

This reliability bibliography is designed to assist USDARCOM and other DA elements in searching the extensive literature in reliability theory and practice for methodology that may be needed in carrying out reliability analyses. This bibliography contains references to technical books, journals, government and university reports, proceedings of national symposiums and other meetings, as well as applicable regulations and military standards. The bibliography was assembled with the aid of a computer based searchable file program (see Reference 1) using the BRLESC I/II computer (see Reference 2).

The references are listed alphabetically according to author, when applicable, or publishing organization. Besides the author or organization and the title of the reference, the date of publication of the reference is given, if known, followed by the letter A, B or G, which means the reference in question is an article, book or government document, respectively. If known, the Defense Documentation Center number is given, prefixed by the letters AD, which should be specified when ordering a reference from that center. For reports listed in the NASA Reliability Abstracts and Technical Reviews (see Reference 3) the serial number of the NASA abstract-review is given. By use of this serial number an abstract-review of the report can be obtained from Reference 3. Reports listed in the NASA Abstract-Reviews also contain an ASQC Code Number. This number categorizes the contents of the report in terms of the American Society for Quality Control (ASQC) Code reproduced in an appendix to this report.

As an example consider reference number 4866



A subject matter index has also been prepared for this reliability bibliography using the previously mentioned computer searchable file

program, and this index is part of the report. For each subject in the index, a collection of reference numbers are listed indicating those references whose title contains the indicated subject matter. For example, the first index subject is Age and Aging of Systems and the first reference under this subject is reference 137, Nonparametric Age Replacement Policy Under Discounting and Decreasing Salvage Value.

It is planned to periodically update this bibliography with new references to keep the bibliography current. To supply these new references to the users of this report, addenda to this report will be issued containing the new references. These addenda will also contain a revised subject matter index. It is suggested that material referenced here be secured from the source named in the reference.

The authors would like to acknowledge the assistance of Mr. David L. Clark for his help in using the computer programs, and to Dr. Larry H. Crow for the Guidance he provided throught the project.

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QUALITY CONTROL

13	14	59	79	92	95	96	231	302	354	424	440	493
514	537	695	717	736	811	812	818	834	835	850	851	961
1182	1204	1210	1221	1351	1389	1445	1516	1518				

REDUNDANT SYSTEMS

23	314	317	406	445	522	523	524	701	702	703	704	722
735	869	885	931	932	999	1099	1128	1205	1224	1300	1342	1344
1364	1377	1381	1383	1387	1411	1441	1507	1535				

RENEWNAL THEORY

2 535 620 623 1245 1338 1490

REQUIREMENTS, RELIABILITY

10	11	38	39	47	68	138	162	193	274	419	423	465
492	600	804	1010	1043	1180	1203	1253	1354	1370	1384	1435	1453
1527												

RISK ANALYSIS

149 253 416 665 784 870 955 1030

SAFETY

5	10	11	156	191	260	341	343	408	511	845	882	927
937	954	968	1015	1018	1028	1164	1218	1291	1354	1403	1404	1413
1447	1488											

SPACECRAFT

10	11	159	392	398	407	412	441	485	554	598	798	867
877	931	939	954	961	975	1037	1122	1134	1147	1204	1208	1273
1275	1281	1282	1295	1338	1340	1368	1403	1404	1413	1458	1516	

SPACE SYSTEMS

17	18	28	59	86	93	96	110	161	272	279	280	281
282	283	284	285	286	319	340	341	365	367	401	431	438
440	495	514	537	541	568	604	606	641	655	656	660	661
662	705	706	713	721	759	793	806	811	837	857	871	898
947	1025	1064	1075	1076	1100	1181	1182	1183	1253	1265	1285	1295
1429	1434	1437	1445	1516								

SPACE SYSTEMS, SATELLITES

8	959	1111	1125	1311	1349	1354	1435	1436	1541			
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SPACE TECHNOLOGY

916	1151											
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SPECIFICATIONS AND STANDARDS

180	291	369	379	442	473	492	493	800	838	841	931	932
961	974	975	1056	1196	1204	1327	1359	1499				

STATISTICS, BAYESIAN METHODS

40	136	171	269	270	275	355	356	444	455	466	467	468
469	470	488	507	516	559	560	576	585	603	614	615	616
772	781	782	785	970	975	1065	1105	1242	1243	1249	1251	1252
1256	1328	1422	1423	1472	1473	1477	1497	1501	1504	1511	1512	1540
1543	1544											

STATISTICS, CONFIDENCE INTERVALS

217	455	773	783	887	907	1003	1004	1096	1097	1174	1217	
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STATISTICAL CORRELATION

152	374											
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STATISTICS, CRAMER-SMIRNOV-VON MISES TESTS

STATISTICAL EXPERIMENTS

38	39	92	114	115	116	117	158	187	189	190	199	213
216	219	273	276	315	316	317	351	361	378	444	465	507
519	520	565	590	602	607	646	663	680	728	787	794	795
820	822	824	846	859	887	951	959	980	1037	1041	1054	1068
1120	1121	1123	1206	1223	1246	1278	1279	1302	1303	1304	1313	1323
1331	1368	1385	1465	1466	1467	1487	1490	1517	1518	1529		

STATISTICAL INFERENCE

307	469	488	605	609	619	895	1046	1047	1057	1114	1249	1250
1251	1252	1328	1332									

STATISTICS, KOLMOGOROV-SMIRNOV TEST

STATISTICS, LEAST SQUARES

30	1104											
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STATISTICS, MULTIVARIATE METHODS

71	332	333	334	393	430	458	1110	1485	1543			
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STATISTICS, NONPARAMETRIC

26 137 227 405 1407 1422

STATISTICS, PARAMETRIC

3	71	72	98	147	167	175	182	183	198	200	201	204
250	256	301	311	345	360	365	367	372	374	421	440	450
467	496	497	498	499	500	501	502	519	555	556	605	613
640	665	695	720	756	757	758	761	766	774	775	776	782
798	836	857	887	894	895	901	910	914	957	974	1006	1007
1031	1045	1046	1047	1049	1050	1057	1064	1101	1102	1164	1173	1240
1266	1282	1284	1292	1293	1322	1333	1335	1351	1396	1407	1420	1422
1482	1504	1540										

SAMPLING PRINCIPLES AND PLANS

72	124	156	185	267	287	328	419	421	460	497	501	516
553	555	556	559	560	774	775	781	799	868	877	879	979
1006	1061	1242	1243	1266	1422	1428	1505					

STATISTICS, RANDOM VARIABLES

67 219 755 846 877 879 1022 1390 1505

STATISTICS, RANK

671

STATISTICS, REGRESSION ANALYSIS

1063 1104

STATISTICS, SEQUENTIAL ANALYSIS

125	126	127	128	129	130	131	132	133	134	135	136	204
205	227	516	521	663	1034	1071	1193	1194	1320	1505		

STATISTICS, STOCHASTIC PROCESSES

315	316	317	430	463	754	980	1066	1067	1211	1323	1495	1503
1512												

STRESS AND STRENGTH

123	298	299	394	505	506	519	808	877	879	1062	1386	1433
1443	1479											

STRUCTURAL MECHANICS

123	298	299	349	394	404	450	486	505	506	514	518	563
582	647	649	663	668	755	808	814	831	925	926	993	994
1028	1060	1062	1072	1088	1164	1169	1228	1247	1248	1318	1319	1320
1221	1387	1390	1415	1432	1442	1447	1449	1474	1475			

SURVEILLANCE

12 178 592 816 817 917

SYMPOSIUM, RELIABILITY

54 55 57 112 118 635 746 800 1069 1197 1207 1322 1395

SYSTEM RELIABILITY ANALYSIS AND EVALUATION

2	5	6	9	10	11	12	20	21	22	24	25	31
36	59	71	82	87	92	99	101	102	110	119	127	129

132	138	139	142	143	145	149	153	157	158	159	162	163
164	165	166	168	177	178	179	180	182	183	184	185	189
190	191	192	194	196	197	205	208	209	214	215	218	219
227	228	233	235	238	239	242	246	247	249	250	252	253
254	256	257	259	260	264	265	271	272	273	275	287	288
299	300	305	314	317	344	348	349	354	364	367	370	371
373	374	376	377	378	379	380	381	382	384	390	395	396
398	399	404	408	409	410	411	412	416	418	419	420	424
425	428	431	434	436	438	439	444	445	447	448	449	453
459	464	470	477	479	480	481	485	488	490	491	509	510
511	512	514	515	522	523	524	525	526	527	530	534	537
538	543	545	550	559	560	564	567	571	573	574	578	580
581	583	586	591	592	599	600	601	607	611	617	629	631
632	634	635	636	637	641	642	645	646	647	648	650	651
655	656	666	669	670	671	672	674	675	677	694	696	701
707	708	709	710	711	712	714	715	718	722	723	724	725
734	735	736	737	738	741	742	743	746	747	749	753	756
757	773	783	790	792	798	801	802	803	804	805	807	809
811	813	818	820	821	822	823	824	825	826	827	828	846
855	860	871	882	885	886	896	899	900	901	902	916	918
919	920	925	927	929	931	932	935	936	937	947	948	949
950	951	953	954	955	957	967	968	971	972	973	976	977
982	986	992	994	995	996	997	1001	1002	1003	1010	1012	1013
1014	1015	1016	1018	1034	1036	1037	1044	1059	1063	1065	1069	1071
1073	1084	1085	1089	1094	1099	1100	1110	1112	1113	1126	1130	1133
1134	1136	1140	1143	1146	1150	1152	1159	1160	1170	1171	1172	1175
1180	1181	1182	1189	1193	1194	1195	1196	1201	1203	1206	1209	1211
1212	1216	1218	1224	1228	1230	1236	1242	1243	1247	1252	1260	1263
1264	1265	1269	1270	1273	1285	1287	1288	1296	1300	1301	1308	1313
1314	1315	1322	1324	1325	1329	1332	1333	1336	1340	1346	1352	1353
1355	1356	1361	1364	1365	1369	1370	1374	1377	1378	1381	1382	1383
1384	1387	1391	1392	1393	1403	1405	1410	1412	1413	1417	1427	1430
1431	1433	1435	1436	1438	1439	1441	1445	1448	1449	1456	1457	1459
1462	1463	1464	1465	1466	1467	1468	1476	1485	1489	1492	1498	1503
1506	1507	1508	1519	1520	1521	1527	1535	1537	1538	1539	1542	1544

TEST ENGINEERING

3	27	34	69	87	88	89	92	113	114	115	116	117
119	124	125	130	133	134	135	150	159	164	166	187	189
190	198	199	200	201	204	210	222	227	229	230	233	240
253	262	263	265	266	268	287	297	310	311	312	313	336
337	354	367	370	381	388	405	412	413	416	417	418	419
432	442	457	460	466	470	480	502	513	545	546	561	567
571	588	597	620	623	626	628	640	646	681	698	699	700
716	717	727	751	757	762	763	764	765	766	772	799	816
817	830	831	864	866	880	897	898	902	906	911	918	944
945	947	961	968	992	993	1005	1008	1009	1033	1035	1059	1060
1071	1080	1092	1094	1096	1097	1098	1100	1117	1118	1122	1125	1131
1134	1136	1137	1142	1143	1155	1156	1159	1160	1164	1167	1168	1189
1201	1204	1238	1246	1265	1274	1275	1287	1312	1329	1331	1334	1347
1348	1379	1390	1401	1412	1413	1424	1438	1490	1497	1499	1516	1530
1542												

THEORIES, RELIABILITY

62	155	186	187	191	195	196	198	199	200	201	203	212
214	300	314	315	316	317	320	346	348	349	350	486	511
520	535	593	618	665	692	734	736	775	776	833	844	872
873	874	970	998	1014	1050	1095	1164	1202	1235	1259	1317	1332
1338	1369	1386	1426	1481	1494	1525						

ULTRASONIC

VARIANCE AND COVARIANCE

VEHICLE, ARMORED

92 1175

VEHICLE, SPACE

8 319 493 959 1111 1125 1234 1311 1349 1354 1435 1436 1541

VEHICLE, TANK

265 418 419 1130

VEHICLE, TRACK

435 627 630 633 635 672 1315 1469

VEHICLE, TRANSPCRTER

36 107 120 241 255 257 258 259 276 318 413 435 459
716 759 791 807 815 828 829 830 832 866 882 890 906
960 1081 1100 1115 1135 1147 1149 1203 1256 1279 1289 1290 1530

VIETNAM

WARRANTIES AND LIABILITY

37 161 172 176 247 308 357 551 566 690 964 1186 1187
1330 1375 1376

WEAPON SYSTEMS, AIR DEFENSE

253 416

WEAPON SYSTEMS, AMMUNITIONS AND MUNITIONS

420 963 1365

WEAPON SYSTEMS, ANTITANK MISSILES

19 151 291 427 893 1238

WEAPON SYSTEMS, ARMS AND RIFLES

424 700 1068

WEAPON SYSTEMS, ARTILLERY AND GUNS

414 423 426 699 1130 1137 1365 1536

WEAPON SYSTEMS, BOMBS AND FUZES

148 382 513 557 561 960 988 1040 1173 1181 1458 1478

WEAPON SYSTEMS, EXPLOSIVES

156 940

WEAPON SYSTEMS, GRENADES AND MINES

34 382 700 963 1035 1118 1214 1478

WEAPON SYSTEMS, HE AND HEDP

23 101 115 140 141 221 405 450 480 550 562 573 583
832 863 866 1044 1089 1116 1146 1168 1169 1180 1212 1267 1286
1306 1336 1374 1412 1415 1416 1491 1530

WEAPON SYSTEMS, MISSILES AND ROCKETS

113 148 176 254 569 643 677 1089 1131 1181 1228 1237 1361
1412

WEAPON SYSTEMS, MISSILE COMPONENTS

178 254 487 582 590 637 677 816 817 1042 1228 1395 1436

WEAPON SYSTEMS, PROJECTILES AND TARGETS

109 415 1137 1175

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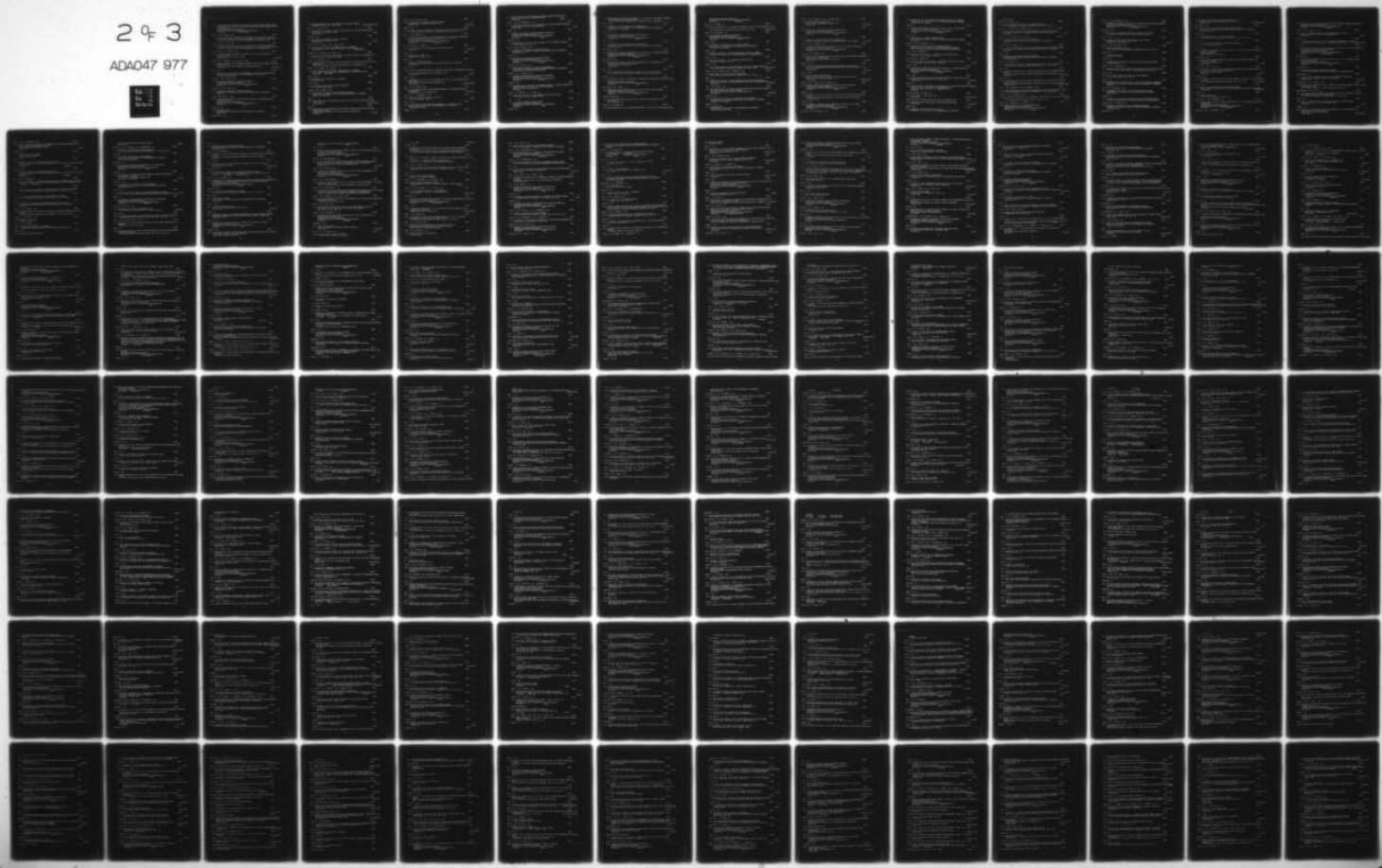
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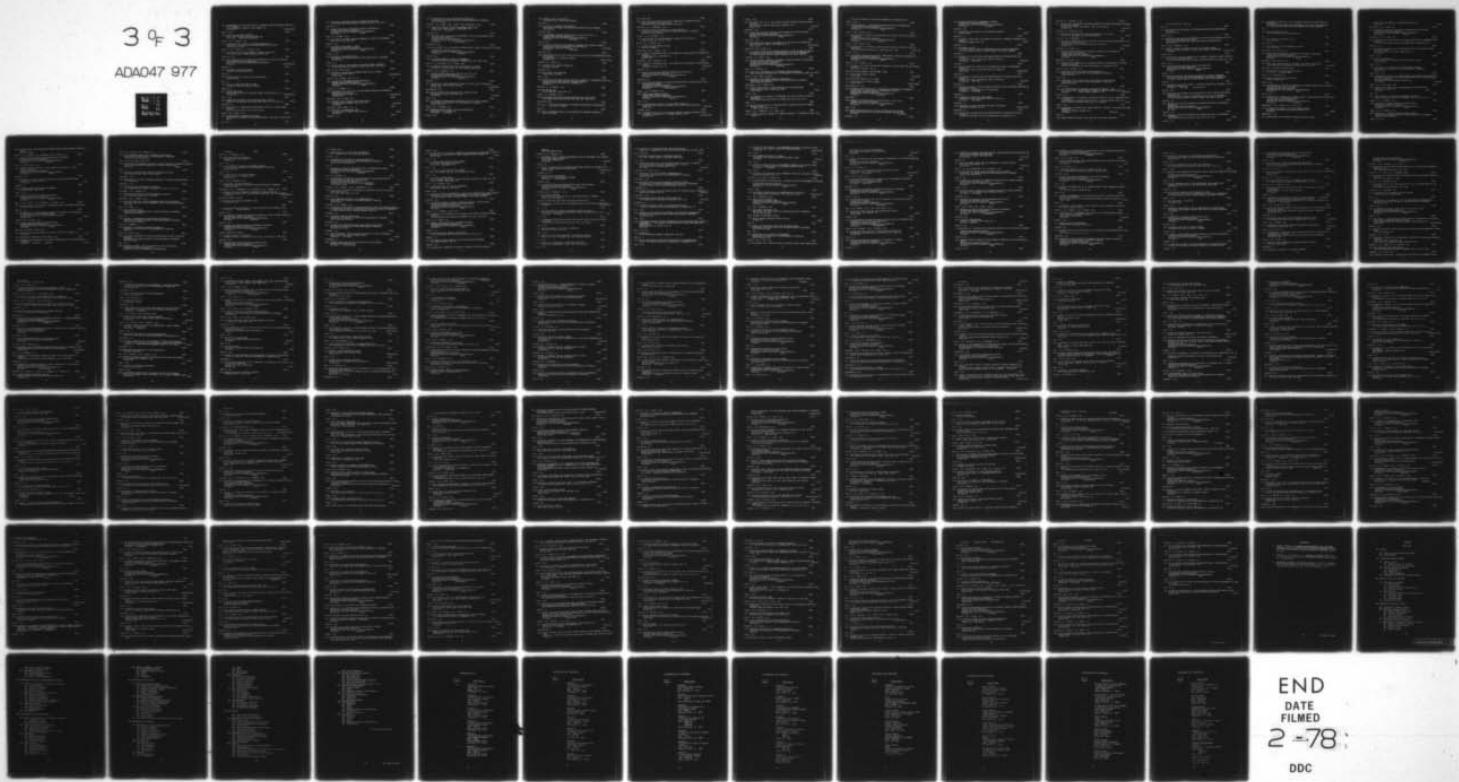
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